| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|---|---------------------|---------|------------------|
| L2 | 2304 | (adjustable adaptive) same bandwidth same filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 12:53 |
| L3 | 20 | (adjustable adaptive) adj bandwidth adj filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF · | 2005/06/20 12:32 |
| L4 | 168 | (adjustable adj bandwidth) same filter | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 12:32 |
| L5 | 20 | (adjustable adaptive) same bandwidth same filter same saw | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 12:53 |
| L6 | 16 | ("3750027" "3831116" "3855556" "4006290" "4087714" "4207545" "4473888" "4491811" "4622525" "4745378").PN. OR ("5365207"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/20 13:48 |
| L7 | 2 | "20010055328".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 13:48 |
| L8 | 0 | 455/167.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 14:27 |
| L9 | 16 | 455/167.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 14:41 |

| | · | T | T | · · · · · · · · · · · · · · · · · · · | | _ |
|-----|------|---|---|---------------------------------------|-----|------------------|
| L10 | 4 | 455/167.1.ccls. and bandwidth | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 14:46 |
| L11 | 487 | 455/179.1.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 14:47 |
| L12 | 218 | 455/179.1.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/20 15:01 |
| L13 | 239 | "455"/\$.ccls. and channel adj search | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 15:07 |
| L14 | 239 | "455"/\$.ccls. and (channel adj search) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/20 15:08 |
| S1 | 37 | 725/130.ccls. | US-PGPUB; USPAT | OR | OFF | 2005/06/15 19:03 |
| S2 | 1 | "6160991".pn. | US-PGPUB; USPAT | OR | OFF | 2004/11/26 09:44 |
| S3 | 14 | ("3651403" "4439784" "4530008" "4558358" "4648123" "4700222" "4710969" "4733223" "5231494" "5233418" "5345504" "5473361" "5585842").PN. OR ("6160991"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/26 09:50 |
| S4 | 1 | (power adj spectrum adj scan) and qam | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/26 09:52 |
| S5 | 283 | (power adj spectrum) and qam | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/26 09:52 |
| S6 | 1007 | (channel adj (scan scanning determination)) and power | US-PGPUB; USPAT | OR | OFF | 2004/11/29 13:00 |
| .S7 | 136 | S6 and ("725"/\$.ccls. "348"/\$.ccls.) | US-PGPUB; USPAT | OR | OFF | 2004/11/26 10:59 |
| S8 | 80 | S6 and qam | US-PGPUB; USPAT | OR | OFF | 2004/11/26 10:59 |

| S9 | 1 | "6804262".pn. | US-PGPUB; | OR | OFF | 2004/11/26 13:55 |
|----|---|---------------|-----------|----|-----|------------------|
| | | | USPAT | | • | |

| S11 | 174 | ("20020122050" "20020126165" | LIC DCDLIR: | OB | OEE | 2004/11/26 15:12 |
|----------|---------------|--|---------------------|----|----------|------------------|
| 211 | 1/4 | ("20020122050" "20020136165" <u> </u> "20030028891" "3688197" | US-PGPUB; USPAT; | OR | OFF | 2004/11/26 15:12 |
| | | "4166980" "4227255" "4270217" | USOCR | | | |
| | | "4501020" "4521915" | OSOCIA | | ٠, | |
| | | "4597107" "4644533" "4881263" | | | | |
| | | "4996685" "5014234" | | | | |
| | | "5014348" "5138712" "5189413" | | | | |
| | ľ | "5301273" "5347304" | | | | |
| | · | "5363408" "5430727" "5442749" | | | | |
| | | "5488412" "5489897" | | | | |
| | | "5528595" "5583931" "5586121" | | | <u>.</u> | |
| | | "5598410" "5600717" | | · | | |
| | | "5606606" "5608446" "5610910" | | | ٠. | |
| | | "5623542" "5623601" | | | | |
| | | "5636211" "5651030" "5675732" | | | | |
| | | "5675742" "5678041" | | | | |
| | | "5708654" "5710885" "5724510" | | | | |
| | | "5731699" "5751772" | | | | |
| | | "5761602" "5778181" "5784597" | | | | |
| | | "5790198" "5790548" | | | | |
| | | "5790677" "5790770" "5790806" | | | | |
| | | "5793747" "5794147" | | | *. • | |
| | | "5799086" "5805804" "5809252" | | | | |
| | | "5812819" "5815664" | | | | |
| | | "5818845" "5819028" "5819042" | | | | |
| | | "5828655" "5828666" | | | | |
| | | "5835720" "5835727" "5841777" | | | | |
| | | "5848233" "5852721" | | | | |
| | | "5854901" "5859852" "5864679" | | | | |
| | | "5870134" "5872523" | | | | |
| | | "5883901" "5884024" "5892754" | | | . , | |
| | | "5894479" "5903558" | | | | |
| | | "5909549" "5913037" "5915119" | | | | |
| | | "5922049" "5922051" | | | | |
| | | "5923659" "5926458" "5929850" | | | | |
| | | "5941988" "5943604" | | | | |
| | | "5954797" "5958007" "5960177" | | | | |
| | | "5974453" "5982748" | | | | |
| | | "5987524" "5991292" "5991306" | | | | |
| | | "5996076" "5999536" | | | | |
| | | "5999563" "6003077" "6005851" | | | | • |
| | | "6006264" "6009103" | | | | |
| | | "6012088" "6013107" "6014545" | | | | |
| | | "6018767" "6031841" | | | | |
| | | "6032019" "6041041" "6046979" | | | | |
| | | "6049546" "6049825" "6040826" "6052724" "6058421" | | | | |
| | | "6049826" "6052724" "6058421" | | | | |
| | | "6061349" "6064372" "6065040" "6070187" "6070242" | | | · | |
| | | "6065049" "6070187" "6070242" | | | | |
| | | "6070246" "6073178").PN. OR | | | | |
| | | ("6075787" "6091709" | | | | • |
| | | "6094431" "6104700" "6112258" "6122254" "6128208" | | | | |
| | | "6122254" "6128298" "6130879" "6130880" "6131023" | | | | |
| | | "6137792" "6137793" | | | | |
| | | 613//92 613//93 "6148410" "6157965" "6169569" | | | | |
| | | "6170061" "6178455" | | | | |
| | | "6185624" "6189102" "62096E6" | | | ·. · | |
| Search H | listory 6/20/ | | | | | |
| C:\Docu | ments and Set | tilags ji fish jiyi Doci in prits EAST WALKED ace | s\09837526.ws | p | | |
| | | "6243369" "6260072" | | | | |
| • | , | 1 | · · | ' | ' | |
| | | | | | | • |

| S12 | 124 | 455/161.3.ccls. | US-PGPUB; USPAT | OR | OFF | 2004/11/26 15:23 |
|-----|------|--|---|------|------|------------------|
| S13 | 849 | 348/734.ccls. | US-PGPUB; USPAT | OR | OFF. | 2004/11/26 15:24 |
| S14 | 8539 | "725"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2004/11/29 11:43 |
| S15 | . 85 | S14 and fft | US-PGPUB; USPAT | OR | OFF | 2004/11/29 11:43 |
| S16 | 82 | (channel adj (scan scanning determination)) and fft | US-PGPUB; USPAT | OR | OFF | 2004/11/29 13:07 |
| S17 | 2124 | (channel adj (scan scanning determination search searching)) | US-PGPUB; USPAT | OR | OFF | 2004/11/29 13:08 |
| S18 | 96 | (channel adj (scan scanning determination search searching)) and fft | US-PGPUB; USPAT | OR | OFF | 2004/11/29 13:08 |
| S19 | 14 | S18 not S16 | US-PGPUB; USPAT | OR | OFF | 2004/11/29 13:57 |
| S20 | 1 | "6160991".pn. | US-PGPUB; USPAT | OR · | OFF | 2004/11/29 14:38 |
| S21 | 576 | qam and locking | US-PGPUB; USPAT | OR | OFF | 2004/11/29 14:38 |
| S22 | 4 | qam adj lock | US-PGPUB; USPAT | OR | OFF | 2004/11/29 14:39 |
| S23 | 1 | "6804262".pn. | US-PGPUB; USPAT | OR | OFF | 2005/06/15 19:59 |
| S24 | 378 | power adj scan | US-PGPUB; USPAT | OR | OFF | 2005/06/15 20:00 |
| S25 | 109 | power adj scan and channel | US-PGPUB; USPAT | OR | OFF | 2005/06/15 20:00 |
| S26 | 2 | "20020157106".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 09:21 |

| į | 174 | ("20020122050" "20020136165" "20030028891" "3688197" | US-PGPUB; USPAT; | OR | OFF | 2005/06/16 09:4 |
|--------|---------------|--|---------------------|--------------|-------|-----------------|
| | | 20030028891 3688197 "4166980" "4227255" "4270217" | USOCR | | j ;. | |
| l | | "4501020" "4521915" | 55561 | | | |
| | | "4597107" "4644533" "4881263" | | | | |
| ļ | | "4996685" "5014234" | | | | |
| | | "5014348" "5138712" "5189413" | | | | |
| | | "5301273" "5347304" | | | | |
| | | | | | | |
| | | "5363408" "5430727" "5442749" | | | | |
| | | "5488412" "5489897" | | | | • |
| | | "5528595" "5583931" "5586121" | | | | |
| | | "5598410" "5600717" | | | | |
| į | | "5606606" "5608446" "5610910" | | | | |
| | | "5623542" "5623601" | | | | |
| | | "5636211" "5651030" "5675732" | | | | |
| | | "5675742" "5678041" | | | | |
| | | "5708654" "5710885" "5724510" | | | | |
| | | "5731699" "5751772" | | | | |
| | • | "5761602" "5778181" "5784597" | | | | |
| | | "5790198" "5790548" | | , | · . | |
| | | "5790677" "5790770" "5790806" | | | | |
| | | "5793747" "5794147" | | | | |
| | | "5799086" "5805804" "5809252" | | | ŀ | |
| | | "5812819" "5815664" | | ļ | | |
| | | "5818845" "5819028" "5819042" | | | | |
| | | "5828655" "5828666" | | | | |
| | | "5835720" "5835727" "5841777" | | | | |
| | | "5848233" "5852721" | | | | |
| | | "5854901" "5859852" "5864679" | | | | |
| | | "5870134" "5872523" | | | , | |
| | | "5883901" "5884024" "5892754" | Í | | | |
| | | "5894479" "5903558" | | a. | | |
| | • | "5909549" "5913037" "5915119" | | | | |
| | | "5922049" "5922051" | | | | |
| | | "5923659" "5926458" "5929850" | | | | |
| | | "5941988" "5943604" | | | | |
| | | "5954797" "5958007" "5960177" | | | | |
| | | "5974453" "5982748" | | | | |
| | | "5987524" "5991292" "5991306" | | | | |
| | | "5996076" "5999536" | | | | |
| | | "5999563" "6003077" "6005851" | | | | |
| | | "6006264" "6009103" | | | | |
| | | "6012088" "6013107" "6014545" | | | | |
| | | "6018767" "6031841" | | | | |
| | | "6032019" "6041041" "6046979" | | 1 | | |
| | | "6049546" "6049825" | | | | |
| | | "6049826" "6052724" "6058421" | | | | |
| - | | "6061349" "6064372" | | | ' | |
| 1 | | "6065049" "6070187" "6070242" | | | | |
| | | "6070246" "6073178").PN. OR | | | | |
| | | ("6075787" "6091709" | | | | |
| | | "6094431" "6104700" "6112258" | | | | |
| | | "6122254" "6128298" | | | | |
| | | "6130879" "6130880" "6131023" | | | | |
| | | "6137792" "6137793" | | | | |
| | | "6148410" "6157965" "6169569" | | | | |
| . | | "6170061" "6178455" | | | · · · | |
| | | | | | | |
| arch H | istory 6/20/ | 6185624_ _6189102_;_6208656 ⁽² P ⁰ 62 13563 "PM'62 189F/ 1" | | | | |
| \Docum | nents and Set | tilngs vijsty My Cocygosits EAST VARKEPace | s\09837526.w | sp | 1 | |

| | | · · · · · · · · · · · · · · · · · · · | | | | |
|-----|-------|---|---|----|------------|------------------|
| S28 | 177 | "spectral profile" and scan | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 09:50 |
| S29 | 21464 | (locating finding) same channel | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF ··· | 2005/06/16 09:51 |
| S30 | 1700 | (locating finding) same channel and scan | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 09:51 |
| S31 | 293 | (locating finding) same channel same scan | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 09:51 |
| S32 | 561 | (locating finding) same channel same scan\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 09:51 |
| S33 | 779 | (locating finding) same channel same scan\$5 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 09:52 |
| S34 | 440 | (locating finding) same channel same scan\$5 and (radio television) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 10:09 |
| S35 | 23 | (locating finding) same channel same scan\$5 same (finer fine narrow narrower coarse) and (radio television) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 10:11 |

| COC | 105 | for adiana | LIC DCDUE | 00 | OFF | 2005/06/15 10 12 |
|-----|-----|---|---|------|-----|------------------|
| S36 | 406 | fine adj scan | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 10:12 |
| S37 | 24 | (finer adj scan) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 10:12 |
| S38 | 14 | ("4851820" "4873711" "4882766" "4953198" "5049875").PN. OR ("5203013"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/16 10:20 |
| S39 | 7 | ("5161023" "5457816" "5551071" "5574995").PN. OR ("5751772").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/16 10:25 |
| S40 | 8 | ("5734980" "5784693" "5809419" "5845198" "5884182").PN. OR ("6052590"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/16 10:47 |
| S41 | 23 | ("4750198" "4799253" "4893327" "4905301" "5095530" "5119502" "5212803" "5442680" "5457816" "5517673" "5524278" "5566358" "5574976").PN. OR ("5809419"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/16 10:50 |
| S42 | 11 | ("4365349" "5027431" "5058204" "5438688" "5511235" "5519890" "5701598" "5799241" "5809419" "5894592" "6070062").PN. OR ("6480709"). URPN. | US-PGPUB; USPAT; USOCR | OR . | OFF | 2005/06/16 10:54 |
| S43 | 26 | ("5020093" "5197093" "5408684" "5511235" "5517677" "5524280" "5551058" "5574995" "5613208" "5774807" "5778316" "5794147" "5854808" "5903838" "5903839" "5991622" "5995834" "6108541").PN. OR ("6205334"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/16 11:07 |
| S44 | 409 | (quick quickly) same channel same search | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 11:15 |

| | | | | | · | |
|-----|-----|--|---|----|----------|------------------|
| S45 | 115 | (quick quickly) same channel same search and bandwidth | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 11:15 |
| S46 | 13 | ("3215934" "3422348" "3731188" "4188628").PN. OR ("4301454").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/16 11:21 |
| S47 | 21 | ("3735400" "4386355" "5051749" "5126748" "5185608" "5260708" "5828332").PN. OR ("6025800").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/16 12:34 |
| S48 | 12 | ("5402449" "5579345" "5612977" "5630215" "5659372" "5974098").PN. OR ("6359944"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/16 12:39 |
| S49 | 23 | ("3493866" "4203070" "4280219" "4619002" "4871973" "4962508" "4969160" "5272724" "5396521" "5416802" "5574750" "5596323").PN. OR ("5974098").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/16 12:49 |
| S50 | 48 | ("4729020" "4963030" "5115309" " 5229862" "5319455" "5583995" "56 05195" "5612742" "5617333" "5619 591" "5623587" "5687257" "572409 1" "5734853" "5761606" "5778098" "5801779" "5815146" "5819004" " 5828370" "5835843" "5926569" "59 82445" "5990976" "6003030" "6005 620" "6006241" "6011590" "601469 3" "6021198" "6021433" "6044396" "6049316" "6108727" "6151636" " 6154771" "6175650" "6175663" "62 02211" "6205485" "6208354" "6292 834" "6295380" "6389072" "650767 2" "6646677" "6675386" "6754905").PN. | US-PGPUB; USPAT; USOCR | OR | OFF : | 2005/06/16 12:50 |
| S51 | 7 | ("4539707" "5572264" "5732341" "5909645" "5933770" "5999559" "6032031").PN. OR ("6735423").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/16 13:48 |
| S52 | 2 | "4301454".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 14:23 |
| S53 | 6 | ("3215934" "3422348" "3731188" "4188628").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/16 14:20 |

| S54 | 2 | "6637447".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 14:35 |
|-----|----|---|---|------|-----|------------------|
| S55 | 19 | ("0973731" "2199915" "2556439" "4188965" "4638645" "4871141" "5058757" "5086712" "5115939" "5186196" "5365966" "5396915" "5544783" "5823496" "D361018" "D394589").PN. OR ("6637447"). URPN. | US-PGPUB; USPAT; USOCR | OR · | OFF | 2005/06/16 14:37 |
| S56 | 2 | "6368227".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/16 14:38 |
| S57 | 3 | ("0242601" "5413298").PN. OR ("6368227").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/16 14:39 |